

To: McKim, Krista[mckim.krista@epa.gov]
From: Capuzzi, Kelly
Sent: Mon 10/21/2013 8:01:34 PM
Subject: RE: per our voicemail exchange
[OIL00027.pdf](#)
[103513-BIOW-SEDO-DSW-BLOB.pdf](#)

Krista

In the past we have issued permits limits for TDS as well as toxicity for mining. Attached is a permit for the Southern Ohio Coal Company Meigs Mine 31 which discharges to Parker Run in Leading Creek. They were initially given monitoring only for TDS and a 5 year compliance schedule to meet TDS limits. At the end of the five years in 2013, they determined that they were not going to be able to meet those limits so they opted to pipe their discharge to the Ohio River.

Attached also is a bioassay that I conducted in 2008 at the mouth of Perkins Run. The results were acutely toxicity to ceriodaphnia but not to the fish. This corresponds our biological monitoring where we don't see impacts to the fish community but the macroinvertebrate community does show an impact from the high TDS and conductivity.

From: McKim, Krista [mailto:mckim.krista@epa.gov]
Sent: Friday, October 18, 2013 8:04 AM
To: Capuzzi, Kelly
Cc: Pellegrini, Janet
Subject: per our voicemail exchange

Hi Kelly!

Attached is the document I mentioned on the phone. It discusses some data collected from Captina and Piney. I was wondering what you think of some of these arguments relating to water quality in the creeks. Maybe we can set up a time to talk on Monday when you are back in the office. I have conflicts in the morning but am free in the afternoon.

Let me know if you would like to see any of the referenced appendices.

Have a great weekend!

Krista McKim, PE

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